

Application No. 10/726,423

Docket No.: 66729/P032US/10614704

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(PATENT)

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:  
Roy Schoenberg

Application No.: 10/726,423

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For: BRIDGED PATIENT/PROVIDER CENTRIC  
METHOD AND SYSTEM

Examiner: S. Rangrej

EXHIBIT 1

## PROPOSED Amendments to the claims for discussion

at the April 28, 2009 Examiner Interview.

1. (Currently Amended) A key organization method comprising:  
receiving, by a key organization system, a first access key that grants,  
to a particular medical service provider, a patient-defined level of access to a  
first set of medical records;

receiving, by said key organization system, a second access key that  
grants, to said particular medical service provider, a patient-defined level of  
access to a second set of medical records; and

storing the first and second access keys in a centralized key repository  
that is communicatively accessible by said key organization system; and  
associating, by said key organization system, said first and second  
access keys with said particular medical service provider.

2. (Original) The method of claim 1 wherein the first access key  
is generated by a first patient, and the first set of medical records concern the  
first patient.

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3. (Original) The method of claim 1 wherein the second access key is generated by a second patient, and the second set of medical records concern the second patient.

4. (Currently Amended) The method of claim ~~[[1]]~~ 38 further comprising controlling, by said key organization system, said particular medical provider's access to accessing through a client computer connected to a distributed computing network, the first set of medical records by allowing said particular medical service provider to select said first patient from a list of patients associated with said particular medical service provider using the first access key.

5. (Currently Amended) The method of claim 4 further comprising accessing, through the client computer connected to the distributed computing network, the second set of medical records using the second access key organization system.

6. (Cancel)

7. (Original) The method of claim 1 further comprising storing the first and second medical records on a centralized medical record repository.

8. (Original) The method of claim 7 wherein the centralized medical record repository and centralized key repository reside on and are executed by a remote server connected to a distributed computing network.

9. (Original) The method of claim 8 wherein:  
the remote server is a web server, and  
the distributed computing network is the Internet.

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10. (Original) The method of claim 1 wherein the first set of medical records is a multi-portion medical record and the first access key provides access to one or more portions of the first set of medical records.

11. (Original) The method of claim 1 wherein the second set of medical records is a multi-portion medical record and the second access key provides access to one or more portions of the second set of medical records.

12. (Currently Amended) A key distribution method comprising:  
receiving, by the key organization system from a first patient using a client computer, a first access key that grants, to a particular provider, a patient-defined level of access to a first set of medical records;

receiving, by the key organization system from a second patient using a second client computer, a second access key that grants, to said particular provider, a patient-defined level of access to a second set of medical records;  
and

associating, by said key organization system, said first and second access keys to said particular provider;

storing, by said key organization system, the first and second access keys and said association in a centralized key repository; and

receiving, by said key organization system, a request from said particular medical service provider to access said first or second set of medical records and, responsive to said request, controlling access to said requested set of medical records using said first or second access key.

13. (Currently Amended) The method of claim 12 further comprising accessing, by said particular provider, the first set of medical records using the first-access key organization system.

14. (Currently Amended) The method of claim 12 further comprising accessing, by said particular provider, the second set of medical records using the second-access key organization system.

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15. (Original) The method of claim 12 further comprising storing the first and second medical records on a centralized medical record repository.

16. (Currently Amended) The method of claim 15 wherein the centralized medical record repository and centralized key repository reside on and are accessible through said key organization system executed by a remote server connected to a distributed computing network.

17. (Original) The method of claim 12 wherein the first set of medical records is a multi-portion medical record and the first access key provides access to one or more portions of the first set of medical records.

18. (Original) The method of claim 12 wherein the second set of medical records is a multi-portion medical record and the second access key provides access to one or more portions of the second set of medical records.

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19. (Currently Amended) A key organization method comprising:  
maintaining, on a remote server, a centralized key repository and a  
centralized medical record repository; and

storing a plurality of patient first set of medical records and a second set of medical records on the centralized medical record repository, wherein said plurality of patient medical records comprises at least of a first set of medical records containing medical information pertaining a first patient and a second set of medical records containing medical information pertaining a second patient; and

storing, in said centralized key repository, a plurality of provider-associated, patient-generated access keys, wherein each one of said access keys corresponds to its respective set of medical records, wherein said remote server, responsive to a request received from a provider to access one of said patient medical records, controls access by said provider to said medical records using said patient-generated access key that is associated with said requesting provider which corresponds to said requested one of said medical records.

20. (Currently Amended) The method of claim 19 further comprising:

receiving from [[a]] said first patient, a first access key, of said plurality of access keys, that grants to said provider a patient-defined level of access to the first set of medical records; and

receiving, from [[a]] said second patient, a second access key, of said plurality of access keys, that grants to said provider a patient-defined level of access to the second set of medical records.

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21. (Currently Amended) The method of claim 20 further comprising storing, by said key organization system, the first and second access keys in the centralized key repository, and  
retrieving, by said key organization system, one of said first and second access keys from the centralized key repository, wherein the retrieved access key is used by said centralized key repository to give said provider access to the set of medical records associated with said retrieved access key.

22. (Currently Amended) The method of claim 19 further comprising accessing, by said key organization system, the first set of medical records using the first access key.

23. (Currently Amended) The method of claim 19 further comprising accessing, by said key organization system, the second set of medical records using the second access key.

24. (Currently Amended) The method of claim 19 wherein the centralized medical record repository and centralized key repository reside on ~~and are executed by a remote server connected to a distributed computing network~~ and are communicatively coupled to said key organization system.

25. (Original) The method of claim 24 wherein:  
the remote server is a web server; and  
the distributed computing network is the Internet.

26. (Original) The method of claim 19 wherein the first set of medical records is a multi-portion medical record and the first access key provides access to one or more portions of the first set of medical records.

27. (Original) The method of claim 19 wherein the second set of medical records is a multi-portion medical record and the second access key provides access to one or more portions of the second set of medical records.

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28. (Currently Amended) A key organization system comprising:  
a server system including a computer processor and associated  
memory, the server system having a centralized key repository and a  
centralized medical record repository;

wherein the server system is configured to:

store a first set of medical records and a second set of  
medical records on the centralized medical record repository;

receive a first access key associated with a particular  
provider that grants to said particular provider a patient-defined  
level of access to the first set of medical records;

receive a second access key associated with said  
particular provider that grants to said particular provider a  
patient-defined level of access to the second set of medical  
records; and

store the first access key and the second access key on  
the centralized key repository; and

a key organization system, wherein the key organization system is  
configured to control access by said particular provider to said first and second  
set of medical records using said first and second access keys, respectively.

29. (Currently Amended) The system of claim 28 further  
comprising a client system including a computer processor and associated  
memory, the client system being configured to:

provide said particular medical service provider with access the first  
set of medical records by requesting that said key organization system use  
using the first access key; and provide said particular medical service provider  
with access the second set of medical records by requesting that said key  
organization system use using the second access key.

30. (Original) The system of claim 29 wherein the server system  
and the client system are coupled via a distributed computing network.

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31. (Original) The system of claim 30 wherein the distributed computing network is the Internet.

32. (Original) The system of claim 28 wherein the first set of medical records is a multi-portion medical record and the first access key provides access to one or more portions of the first set of medical records.

33. (Original) The method of claim 28 wherein the second set of medical records is a multi-portion medical record and the second access key provides access to one or more portions of the second set of medical records.

34. (Currently Amended) A computer program product residing on a computer readable medium having a plurality of instructions stored thereon which, when executed by the processor, cause that processor to:

receive a first access key, from a patient at a key organization system, that grants to a first provider a patient-defined level of access to a first set of medical records;

receive a second access key, from said patient at a key organization system, that grants to a second provider a patient-defined level of access to a second set of medical records; and

store the first and second access keys in a centralized key repository.



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35. (Currently Amended) A computer program product residing on a computer readable medium having a plurality of instructions stored thereon which, when executed by the processor, cause that processor to:

receive transmit, from a first patient at a key organization system, a first access key associated with a first provider that grants to said first provider a patient-defined level of access to a first set of medical records;

receive transmit, from a ~~second~~ said patient at said key organization system, a second access key that grants to said second provider a patient-defined level of access to a second set of medical records; and

store the first and second access keys in a centralized key repository

receive a request from said first provider to access said first set of medical records; and

retrieve, responsive to said request, said first access key to provide said first provider with access to said first set of medical records.

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36. (Currently Amended) A computer program product residing on a computer readable medium that is communicatively coupled to a server having a plurality of instructions stored thereon which, when executed by ~~the~~ a processor of the server cause the processor to:

~~maintain, on a remote server, a centralized key repository and a centralized medical record repository; and~~

store a plurality of patient associated first set of medical records and a second set of medical records on the a centralized medical record repository, wherein said plurality of patient associated medical records comprises at least of a first set of medical records associated with a first patient and a second set of medical records associated with a second patient;

store a plurality of provider-associated access keys on said a centralized key repository, wherein a first access key, of said plurality access keys, grants a patient-defined level of access to the first set of medical records and a second access key, of said plurality of access keys, grants a patient-defined level of access to the second set of medical records; and

control a requesting provider's access to said plurality of patient associated medical records using said first or second access key.

37. (New) The method of claim 1 further comprising:

granting said particular medical service provider secure access to said key organization system, wherein said access allows said particular medical service provider to select a patient from a group of patients associated with said particular medical service provider.

38. (New) The method of claim 37 wherein said secure access is granted after said particular medical service provider passes a security test issued by said key organization system.

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39. (New) The method of claim 37 further comprising:  
receiving, by said key organization system, said selection, wherein said selection is a request to access said first set of medical records;  
retrieving, by said key organization system in response to said selection, said first access key; and  
using, by said key organization system, said first access key to control said particular medical services provider's access to said first medical records.

40. (New) The method of claim 4 wherein accessing the first set of medical records does not require said particular medical service provider to pass a second security test.